

PILOTSEAL 500

Expanded PTFE - White



Physical Properties

Compression	ASTM F36	68%
Recovery	ASTM F36	12% Min
Residual Stress	DIN @ 175°C	32MPa
Creep Relaxation	ASTM F38	32% @ 100°C
		16% @ 24°C
Liquid Leakage	ASTM F37	0.02ml/hr (Nitrogen)

Description

PILOTSEAL 500 is manufactured from 100% pure multi-directional expanded PTFE. It is soft and conformable and can be compressed with low bolt loads.

Applications

PILOTSEAL 500 is ideally suited for low bolt torque applications such as FRP, porcelain, plastic and glass lined piping and vessels. It has universal chemical resistance (except molten alkali metals and elemental fluorine).

Approvals and Compliance

Conforms with FDA21 CFR 177.1550 regulations

Sizes Available

Thickness Range	0.5mm to 6.0mm
Standard Sheet Size	1.5m x 1.5m